Aim of worksop to build **strong programming skill**. To solve logical program you can select any programming language like C, C++, Java, C#, Python.

Majority programming language has certain common syntax and concept eg, Loop, If Else, Function. Recursive function, Array, String.

I Know only basic of c how should I cope.

Observe few differences in syntax.

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| C | C# |
| Procedural programming language | Object oriented programming language |
| Eg. Hello world in C | Eg. Hello world in c# |
| #include<stdio.h>  int main(int argc, char \*pqr[])  {  printf("Hello world");  getch();  return 0;  } | using System;  **public** **class** Myclass {  **public** **static** **int** Main(String[] abc) {    Console.WriteLine("Hello world");  return 0;  }  } |
| #include<stdio.h>  printf() is a function who’s prototype is in this header file | using System;  Console is a static class which is available  In System name space ie.System { … } block having all other classes. |
| int main()  entry point for application | **public** **static** **int** Main(String[] args) {  entry point for application |
| It is function based procedural programming language | **public** **class** Myclass {  }  Since it is object oriented every thing are encapsulated ie. Wrapped in a class |
| After compilation it will generate EXE file  Extension of a file is .c | After compilation it will generate .exe file  Extension of a file is .cs |
| Can give any name to the file | File name and class name need not be same. |
| Printf is easy to write | Console.WriteLine()  Console is static class and writeLine is static method. |
| Os will call exe file and can directly affect OS | CLR will call .exe file and it run in CL runtime environment |
| How to take input  scanf(“%d”,&no); | How to take input  String a=Console.ReadLine();  Int no=Int.Parse(a); |